

MATRIX METALLOPROTEASE ACTIVITY INHIBITOR AND SKIN CARE PREPARATION

Publication number: JP2003201212

Publication date: 2003-07-18

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Classification:

- international: **A61K8/96; A61K8/00; A61K8/97; A61K36/00; A61K36/18; A61K36/48; A61P17/16; A61P43/00; A61Q1/00; A61Q1/12; A61Q19/00; A61Q19/08; A61K8/96; A61K8/00; A61K36/00; A61K36/18; A61K36/185; A61P17/00; A61P43/00; A61Q1/00; A61Q1/12; A61Q19/00; A61Q19/08; (IPC1-7): A61K7/00; A61K7/48; A61K35/78; A61P17/16; A61P43/00**

- European:

Application number: JP20020263190 20020909

Priority number(s): JP20020263190 20020909; JP20010325607 20011023

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Abstract of JP2003201212

PROBLEM TO BE SOLVED: To provide a matrix metalloprotease (MMPs) activity inhibitor which has an excellent antagonistic action against the activity of the MMPs giving a large effect to the ageing of the skin and can prevent the degradation of skin extracellular matrix components (for example, elastin, laminin, proteoglycan, basement membrane components, collagen) deeply related to the ageing of the skin to prevent and improve the ageing of the skin, and to provide a skin care preparation.

SOLUTION: This matrix metalloprotease (MMPs) activity inhibitor contains one or more plants selected from Schima noronhae, Loranthus sp., Cinnamomum iners, Desmodium triquetrum, Artocarpus elasticus, Equisetum debile, and Bombax ceiba, or a solvent extract thereof, and the skin care preparation.

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STN CA Caesar accession number : 1511

AN - 139:106121 HCA
ED - Entered STN: 07 Aug 2003
TI - MMP inhibitors and skin preparations containing
plant (extracts)
IN - Inomata, Shinji; Umishio, Kenichi; Kobayashi, Koji; Satake,
Motoyoshi; Sekita, Setsuko; Takano, Akito
PA - Shiseido Co., Ltd., Japan
SO - Jpn. Kokai Tokyo Koho, 16 pp.
CODEN: JKXXAF
DT - Patent
LA - Japanese
IC - ICM A61K007-00
ICS A61K007-48; A61K035-78; A61P017-16; A61P043-00
CC - 62-4 (Essential Oils and Cosmetics)
Section cross-reference(s): 7

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN	JP2003201212	A2	20030718	JP 2002-263190	20020909
PRAI-	JP 2001-325607	A	20011023		
AB	MMP inhibitors contain .gtoreq.1 plant selected from Schima noronhae, Loranthus, Cinnamomum iners, Desmodium triquetrum, Artocarpus elasticus, Equisetum debile, and Bombax ceiba or their exts. Also claimed are skin preps. contg. the plant or the exts. to prevent or treat skin aging. A MeOH ext. of leaves and twigs of D. triquetrum inhibited human MMPs-1, -3, and -9. An emulsion contg. EtOAc ext. of D. triquetrum was also formulated.				

